Declassified and Approved For Release 2012/01/09 : CIA-RDP72B00464R000400010063-2

FH7322 FH7322 Proposals

0SA-4300-65 **#1**723

REPLY TO:
Audit Limison Office
P. O. Box 8155
S. W. Station
. Washington, D. C.

12 **November** 1965

SUBJECT: Evaluation Review of ECP-2 Under

Contract AF 3(657)-12846

Airborne Instrument: Laboratory

q Deer Park, N.w York

TO : Contracting Officer

REF: : ALL Proposal ECP #1940-2, dated 22 October 1965

i. A review has been made, to the extent deemed necessary of the contractor's cost proposal for multiplixer switches. This review consisted of an exemination of the underlying data in support of proposed labor rates, overhead rates, material pricing, travel and other direct costs. The direct labor hours, material requirements, the necessity for the proposed travel and overtime hours, are referred to for evaluation by a technical representative.

2. A summary of the contractor's proposal by element of cost and the auditor's recommendations are as follows:

	Per Contractor's Proposal	Auditor*s Recommended Reduction	Ref.
Direct Labor - Engineering	\$ 43,873	-0-	<u> </u>
Direct Labor - Manufacturing	17,882	-0-	8 1 .
Engineering Burden 104%	45,628	878	Ъ
Manufacturing Burden 7-4	15,453	536	b
Raw Materills and Purchased Parts	<u>∠</u> 4,≥95	2,209	C
Travel and Subsistance	2,737	-0-	đ
Overtime Premium	1,918	-0-	
Packaging and Shipping	140	<u> </u>	e
Subtotal	\$149.706		f
G & A 7.5%	11,228	3,623 4 1 8	b
Total Cost Fee Requested 8%	\$ 160, 934 1_ , 875	\$4.043	
Total Proposal	\$173,809		દ

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Ref. Notes:

a. Direct Labor:

the hourly labor rates used to extend the estimated labor hours. A comparison was made of the proposed composite rates used in each labor class with the actual incurred to date rates of the 1941/1942 programs. The subject effort will be performed by the same personnel. This comparison ascertained the reasonableness of the proposed hourly rates. Attached as Exhibit A, is the contractor's breakdown of the direct labor hours by class of labor and effort, which is offered as a guide for evaluating the estimated labor hours by a qualified tachnical representative.

b. Burdens and G & A:

The auditor questions the contractor's proposed burdens and G & A rates as excessive. Based on an analysis of the current year book rates (9 months ended 30 September 1965), the auditor is of the opinion, that the contractor may experience a lesser rate than proposed and therefore recommends the following:

	Engineering Burden	Manufac turi ng Burden	G&A
Rates Per Contractor's Proposal Rates Recommended by the Auditor Per cent of Rate Questioned	104% 102% 	74% <u>71</u> % <u>3%</u>	7.5% 7.4% .1%
Burden Base Per Proposal Per cent of Rate Questioned Costs Questioned (Base x Rate Reduction)	\$43,873 2% \$ 878	\$17,882 3% \$ 536	\$149,706 11% \$ 150
G&A Base Cost: Questioned G&A Questioned @7.4%			\$ 3,63 268
Total G&A Questioned (\$150 + \$268)			\$ 418

c. Raw and Purchased Materials:

The contractor's proposed purchase parts were verified to vendor's quotes and prior buys of like items. The extentions and additions of the bill of materials were verified. No exceptions were noted, but the applicability of the proposed purchased parts to the protured equipment and the frequency of use, should be evaluated by a technically qualified representative.

The costs questioned of \$2,209 represents the auditor's exception to a 10% shrinkage factor applied to the total estimated costs of raw and purchased materials (non-recurring costs excluded.) The contractor could not support this factor with historical data or adequate back-up and is therefore questioned by the auditor.

d. Travel and Submistance:

The contractor proposed two 2-day trips to the West Coast at \$381 each and two 3-day trips at \$416 each for the purpose of visiting the associate contractor. In addition, three 1-day trips are included for visitations to a West Coast vendor at a cost of \$381 each. The costs represent round-trip air fare of \$305, subsistance of \$35 per day and \$6 for travel to the airport. The auditor considers these costs acceptable, but recommends for further consideration of a technical representative the necessity for the number of trips.

e. Overtime Premium:

The auditor recommends the overtime premium for the further consideration of a qualified technical represent tive. The contractor's estimate is based on application of a 10% factor to the total estimated hours for labor classes V, VI, VII, VIII, and IX, and priced at \frac{1}{2} of the hourly rates for these classes. The basis for a 10% factor was not supported by the contractor. The contractor's computation of overtime premium is as follows:

Labor Class	Hourly Rate	Total Estimated Hours Per Proposal	Overtime Premium Hours 10% of Estimated Hours	Overtime Premium Rate premium of Hourly Rate	Total Overtime Premium Per Proposal
IX AIII AI A	\$4,50 3.70 3.27 80 2.33	\$2,710 2,590 2,660 2,390 280	\$270 200 290 240 20	\$2.25 1.85 1.62 1.40 1.16	\$ 608 481 470 336 23
TOTAL	Overtime	Promium per p	roposal.		\$1, 918

f. Packaging and Shipping:

Considered acceptable for the purpose of this report.

g. Fee Requested:

The contractor has requested a fee based on 3% of the total.

SIGNED

WILLIAM F. EDWARDS Auditor General Representative (APL)

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SCHEDULE OF DERECT LABOR HOURS

Engineering,	Drafting	80	Publications	,	••	100	hrs.
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Adm. A S O N D J F M

.25 .5 .5 .5 .5 .25 $3.0 \text{ MM } \times 180 = 540$

Buy Parts, Sched, Type Proc. & AB

Eng.

Design EE 7 MM X 200 = 1400

ME 3 MM X 200 ≈ 600

Test Proc. .5 MM X 200 100

Handbook .5 MM X 200 100

Proto Test-Unit

Bds. .5 MM 100

B.B.-Test 1 MM 200

Prod. Test-Bas. 45 ea.

Units X 10 450

2950

Tech.

Design & Make BB Assy. 7 MM X 180 1260

Test Proc. .5 MM X 180 90

.P oto Test .5 MM X 180 90

BB Test 2 MM X 180 360

Prod Test 45 ea. X 10 450

2250

Draft

PC-BS 6 BS X 180 ea. 1080

Assy. Dwg. 120

ECNS 300

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